



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
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Canada

Tel (613) 632-5200
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Reprint

C3

Job Sheet 201738



Part No: C3

Job Qty: 1 pcs

Part Name: C-Series Remote Hook 3,000 lbs Lift Capacity



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/9/19

Job Tracking No:

Created By: Jennifer Renwick

Due Date: 11/15/19

Description: SIOP

Type: Stock

Note: DWG C3 Rev 2 IPP Rev A 18.03.29 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard	Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier Lead Time	
95	External Load - Issue SN	1 pcs	11/15/19		0.00	0.07	External Load - 1	AP 2019/10/16
							External Load - 2	Michel 2019-10-16
							External Load - 3	
100	External Load - 2 - B4B	1 pcs	11/15/19		0.00	1.00	External Load - 1 - B4B	AP 2019/10/29
							External Load - 2 - B4B	Michel 2019-10-29
							External Load - 3 - B4B	
110	QC 5	1 pcs	11/15/19		0.00	0.00	QC 5 - 10	
							QC 5 - 12	
							QC 5 - 17	
							QC 5 - 18	
							QC 5 - 19	
							QC 5 - 22	
							QC 5 - 24	
							QC 5 - 3	
							QC 5 - 43	
							QC 5 - 49	
							QC 5 - 51	
							QC 5 - 58	
							QC 5 - 68	
							QC 5 - 9	
							QC 5 - 50	
							QC 5 - 30	
							QC 5 - 40	
							QC 5 - 61	
							QC 5 - 81	
130	Packaging 3-2 - Stock - B4B	1 pcs	11/15/19		0.00	0.00	Packaging 3 - 1 - B4B	
							Packaging 3 - 2 - B4B	



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Container No: S223126



Part: C3

Job No: 201738

Serial No/Batch: S223126

Revision: 2

Plex 10/16/19 11:10 AM Dart.Renwick.Jennifer

				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	DAS
				Packaging 3 - 6 - B4B	28
				Packaging 3 - 7 - B4B	9-89
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	DAS
				Packaging 3 - 36 - B4B	21
					9-89
135 DC - 1 - B4B	1 pcs	11/15/19	0.00 0.00	DC - 1 - B4B	OCT 30 2019
				DC - 2 - B4B	
140 QC 21 - FG	1 pcs	11/15/19	0.00 0.00	QC 21 - FG - 21	DAS
				QC 21 - FG - 70	21
				QC 21 - FG - 53	9-89

Part Op 95 - (Small Fab) 1-Issu S/N

Descriptions: 100 - (Small Fab) 1- PICK C3-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 3 AND 4 ON SHEET 3. 2-
ASSEMBLE AS PER DWG

110 - QC5- Inspect part completeness to step on W/O)

130 - Identify as per dwg & Stock Location: _____)Identify and Stock

135 - (Document Control)- Photocopy blue file OM & O&OPM-C3 Rev L.

140 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	95-External Load - Issue SN	5110495
188-FSCS-832-5/8	Clock Spring Cover Screw	4 Ea (4 ea)	100-External Load - 2 - B4B	5126989
2595K22	Heat Shrink Tube	1 pcs (1 ea)	100-External Load - 2 - B4B	5093047
32446	Crimp Terminal	2 Ea (2 ea)	100-External Load - 2 - B4B	5074909
8183K6	Wire Guide/Grip	1 Ea (1 ea)	100-External Load - 2 - B4B	5133295
AN4-16A	Bolt	3 Ea (3 ea)	100-External Load - 2 - B4B	5222077-1

AN4-17A	Bolt	1 Ea (1 ea)	100-External Load - 2 - B4B	5104372
AN6-15A	Bolt	1 Ea (1 ea)	100-External Load - 2 - B4B	5209068
22-1-1	Manual Release Knob	1 pcs (1 ea)	100-External Load - 2 - B4B	5190095
C2-10-1	Lock Spring Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	5068051
C2-11-2	Locating Pin	2 Ea (2 ea)	100-External Load - 2 - B4B	5061528
C2-3-1	Latch Shaft Du Bearing	2 pcs (2 ea)	100-External Load - 2 - B4B	5189923
C2-3-10	Latch Shaft	1 pcs (1 ea)	100-External Load - 2 - B4B	5180410
C2-3-11	Actuator	1 pcs (1 ea)	100-External Load - 2 - B4B	5174393
C2-3-2	Latch Roller Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	5173563
C2-3-2-1	Roller Pin Retaining Ring	2 Ea (2 ea)	100-External Load - 2 - B4B	5222866
C2-3-3	Latch Roller	1 pcs (1 ea)	100-External Load - 2 - B4B	5116487
C2-3-3-1	Latch Roller DU Bearing	1 pcs (1 ea)	100-External Load - 2 - B4B	5120798
C2-3-5	Spacer, Teflon	2 Ea (2 ea)	100-External Load - 2 - B4B	5199313
C2-3-6	Latch	1 pcs (1 ea)	100-External Load - 2 - B4B	5148221
C2-3-8	Actuator Shaft Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5196795
C2-5-1	Actuator Stop	1 Ea (1 ea)	100-External Load - 2 - B4B	5216722
C3-10-2	Lock Spring	1 pcs (1 ea)	100-External Load - 2 - B4B	5197483
C3-11-1	Side Plate - Solenoid C3-Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5182333
C3-12-1	Lock Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5193685
C3-12-2	Lock Shaft - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5080193
C3-12-3	Lock - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5190711
C3-12-4	Lock Roller	1 pcs (1 ea)	100-External Load - 2 - B4B	5100620
C3-12-5	Lock Roller Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	5188182
C3-12-6	Lock Roller Pin Circlip	2 Ea (2 ea)	100-External Load - 2 - B4B	5206297
C3-13-1	Keeper Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5199545
C3-13-4	KEEPER	1 pcs (1 ea)	100-External Load - 2 - B4B	5192911
C3-13-5	Spring, Keeper	1 pcs (1 ea)	100-External Load - 2 - B4B	5146022
C3-2-1	Side Plate C-3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5175253
C3-3-4	Link Pin	2 pcs (2 ea)	100-External Load - 2 - B4B	5228778
C3-3-4-1	Ring, Retaining	4 pcs (4 ea)	100-External Load - 2 - B4B	5199546
C3-3-7	Link	1 pcs (1 ea)	100-External Load - 2 - B4B	5125622
C3-3-9	Actuator Spring	1 pcs (1 ea)	100-External Load - 2 - B4B	5128685
C3-4-1	Load Beam Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5192917
C3-4-4A	C3 Load Beam Assy	1 pcs (1 ea)	100-External Load - 2 - B4B	5179604
C3-7-1	Load Beam Bumper	1 pcs (1 ea)	100-External Load - 2 - B4B	5186739
C3-7-2	Lock Bumper	2 pcs (2 ea)	100-External Load - 2 - B4B	5214422
C3-8-2	Solenoid	1 pcs (1 ea)	100-External Load - 2 - B4B	5210004
C3-8-4	Solenoid Cover Gasket	1 pcs (1 ea)	100-External Load - 2 - B4B	5213024
C3-8-5	Solenoid Cover	1 pcs (1 ea)	100-External Load - 2 - B4B	5204110
C3-9-1	Clock Spring Cover - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5116295
C3-9-2	Spring, Clock	1 pcs (1 ea)	100-External Load - 2 - B4B	5089524
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	100-External Load - 2 - B4B	5216721
M27500-16TG2T14	Wire - 16-Gauge - Shielded	1 ft (1 ea)	100-External Load - 2 - B4B	5075144
MS21044N4	Nut, Self-Locking	4 Ea (4 ea)	100-External Load - 2 - B4B	5203176
MS21083N3	Nut	4 Ea (2 ea)	100-External Load - 2 - B4B	5220750
MS21083N6	Nut	1 Ea (1 ea)	100-External Load - 2 - B4B	5192157
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	100-External Load - 2 - B4B	5183289
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	100-External Load - 2 - B4B	
NAS1149F0332P	Washer (AN960-10L)	2 Ea (2 ea)	100-External Load - 2 - B4B	5103666-1
NAS1149F0363P	Washer (AN960-10.)	1 Ea (1 ea)	100-External Load - 2 - B4B	5075330-3
NAS1149F0463P	Washer (AN960-416)	8 Ea (8 ea)	100-External Load - 2 - B4B	5201001
NAS1149F0632P	Washer (AN960-616L)	2 Ea (2 ea)	100-External Load - 2 - B4B	5137711

Loctite 242 (5186572)
 Loctite 620 (5194792)
 Sab-T-eze (M138973)
 Aeroshell grease No. 7 (M138724)

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
95-External Load - Issue SN	188-FPSS-1032-1/4	2	87	0
	188-FSCS-832-5/8	4	204	0
100-External Load - 2 - B4B	2595K22	1	25	0
	32446	2	594	0
	8183K6	1	22	0
	AN4-16A	3	404	0
	AN4-17A	1	276	0
	AN6-15A	1	21	0
	C2-1-1	1	9	0
	C2-10-1	1	65	0
	C2-11-2	2	38	0
	C2-3-1	2	58	0
	C2-3-10	1	11	0
	C2-3-11	1	19	0
	C2-3-2	1	22	0
	C2-3-2-1	2	114	0
	C2-3-3	1	43	0
	C2-3-3-1	1	23	0
	C2-3-5	2	95	0
	C2-3-6	1	3	0
	C2-3-8	2	43	0
	C2-5-1	1	23	0
	C3-10-2	1	23	0
	C3-11-1	1	11	0
	C3-12-1	2	34	0
	C3-12-2	1	17	0
	C3-12-3	1	21	0
	C3-12-4	1	28	0
	C3-12-5	1	30	0
	C3-12-6	2	94	0
	C3-13-1	2	60	0
	C3-13-4	1	25	0
	C3-13-5	1	26	0
	C3-2-1	1	12	0
	C3-3-4	2	30	0
	C3-3-4-1	4	271	0
	C3-3-7	1	12	0
	C3-3-9	1	27	0
	C3-4-1	2	33	0
	C3-4-4A	1	6	0
	C3-7-1	1	33	0
	C3-7-2	2	52	0
	C3-8-2	1	17	0
	C3-8-4	1	49	0
	C3-8-5	1	21	0
	C3-9-1	1	12	0
	C3-9-2	1	30	0
	EL-PLUG-M	1	15	0
	M27500-16TG2T14	1	28	0
	MS21044N4	4	50	0
	MS21083N3	2	100	0
	MS21083N6	1	50	0
	MS35266-63	2	19	0
	NAS1149F0332P	2	2,634	0
	NAS1149F0363P	1	292	0
	NAS1149F0463P	8	439	0
	NAS1149F0632P	2	336	0

Part Specifications

Specifications could not be found.



Remote Cargo Hook Test Form

C3

MAKE SURE YOU ARE USING THE CORRECT TEST FORM FOR THE CORRECT SOLENOID!

NEW SOLENOID (152951-001)

Work Order 201738

Customer _____

Serial Number 5223126

Date 2019-10-29

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/Fail
1	7,500	Static Hold	Hold for two minutes and reduce load to zero	N/A	<u>Pass</u>
10	1,500	Electircal, 25 volts	No "hang ups" permitted	N/A	<u>Pass</u>
2	3,000	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>9.3</u> A	<u>Pass</u>
2	2,500	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>9.2</u> A	<u>Pass</u>
2	2,000	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>9.1</u> A	<u>Pass</u>
2	1,500	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>8.3</u> A	<u>Pass</u>
2	500	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>8.3</u> A	<u>Pass</u>
1	3,000	Electircal, 20 volts	Current shall not exceed 11.6 A	<u>7.6</u> A	<u>Pass</u>
1	3,000	Electircal, 28 volts	Current shall not exceed 16.2 A	<u>11.0</u> A	<u>Pass</u>
1	3,000	Manual		N/A	<u>Pass</u>
1	3,000	Impact Test	Impact shackle 10x, shall not release	N/A	<u>Pass</u>
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ω	<u>1.8</u> Ω	<u>Pass</u>
1	N/A	Electircal Continuity	Across both wires	N/A	<u>Pass</u>

Test Conducted By:

Mahul Lalonde

Technician

Submit

Signature:

Sylvie Bouchard
QC 5 Small FAB / QA